CLAIMS

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What is claimed is:

1. An optical recording medium comprising:

a read-only storage area;

a writable storage area;

a read-only lead-in area having first control information for both the read-only and

writable storage areas; and

a writable lead-in area having second control information relating to the writable storage area.

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2. The optical recording medium according to claim 1, wherein:

the read-only storage area comprises

the read-only lead-in area,

a read-only memory (ROM) data area, and

a read-only lead-out area; and

the writable storage area comprises

the writable lead-in area which comprises a connection zone to connect the readonly storage area and the writable storage area,

a random access memory (RAM) data area, and

a read-only lead-out area.

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3. The optical recording medium according to claim 2, wherein the read-only lead-

in area comprises hybrid identification information indicating that the optical recording

medium is a hybrid disc having the read-only storage area and the writable storage area.

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- identification information comprises information indicating a presence or absence of the writable storage area, and information on a part version of the hybrid disc.
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- The optical recording medium according to claim 1, wherein the read-only lead-5. in area comprises hybrid identification information indicating that the optical recording medium is a hybrid disc having the read-only storage area and the writable storage area.
- The optical recording medium according to claim 2, wherein the hybrid 6. identification information comprises information indicating a presence or absence of the writable storage area, and information on a part version of the hybrid disc.
- The optical recording medium according to claim 1, wherein: 7. the writable storage area comprises a control data zone; and the read-only lead-in area comprises first physical format information of the read-only storage area and second physical format information of the control data zone.
- The optical recording medium according to claim 7, wherein the first physical 8. format information comprises reserved bytes which stores the second physical format information.
 - The optical recording medium according to claim 2, wherein: 9.
 - the writable storage area comprises a control data zone; and
- the read-only lead-in area comprises physical format information of the read-only storage area and physical format information of the control data zone.

10. The optical recording medium according to claim 7, wherein the first physical format information comprises reserved bytes which stores the second physical format information.

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- 11. The optical recording medium according to claim 1, wherein the read-only storage area and the read-only lead-in area are compatible with a read-only memory (ROM) specification.
- 12. The optical recording medium according to claim 11, wherein the ROM specification is a digital versatile disc (DVD)-ROM specification and the writable storage area and the writable lead-in area are compatible with a DVD-RAM specification.
- 13. The optical recording medium according to claim 1, wherein a minimum size of the writable storage area is at least as great as a size of a single zone defined by a digital versatile disc random access memory (DVD-RAM) specification.
 - 14. The optical recording medium according to claim 1, wherein:

the read-only storage area has a start position at a diameter of approximately 48mm, and an ending position at a diameter greater than the approximately 48mm and less than approximately 116mm if the optical recording medium has a diameter of approximately 120mm, and has the start position at a diameter of approximately 48mm, and an ending position at a diameter greater than the approximately 48mm and less than approximately 76mm if the optical recording medium has a diameter of approximately 80mm; and

the writable storage medium is arranged in a remaining area of the optical recording medium which does not contain read-only data.

1		15.	The optical recording medium according to claim 1, wherein the read-only lead-
2	in area	compr	rises:
3		a cont	rol data zone which stores the first control information.
1		16.	The optical recording medium according to claim 15, wherein the first control
2	inform	ation c	omprises:
3		physic	cal format information for the read-only storage area;
4		hybrid	disc identification information indicating that the optical recording medium is a
5	hybrid	disc ha	aving the read-only storage area and the writable storage area; and
6		physic	cal format information for the writable storage area.
1		17.	The optical recording medium according to claim 16, wherein the physical
1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1	format	inforn	nation for the writable storage area is stored in bytes 1024 through 2047 of the
3[7	first co	ontrol i	nformation.
T and the state of			
1 1		18.	The optical recording medium according to claim 17, wherein the physical
2≢	format	inforn	nation for the read-only storage area is stored in bytes 0 through 16 of the first
3 =	contro	l inforr	nation and the hybrid disc identification information is stored in bytes 17 and 18
4	of the	first co	ontrol information.
1		19.	The optical recording medium according to claim 16, wherein the physical
2	format	inforn	nation for the read-only storage area comprises:
3		book 1	type information indicating that the optical recording medium is compatible with a
4	digital	versati	ile disk read-only memory (DVD-ROM) specification; and
5		a part	version indicating a version number of the optical recording medium.

1		20.	The optical recording medium according to claim 18, wherein the physical
2	format	inform	nation for the read-only storage area comprises:
3		book t	ype information indicating that the optical recording medium is compatible with a
4	digital	versati	le disk read-only memory (DVD-ROM) specification; and
5		a part	version information indicating a version number of the optical recording medium;
6		where	in the book type information and part version information are stored in byte 0 of
7	the fir	st contr	ol information.
1		21.	The optical recording medium according to claim 16, wherein the hybrid disc
2	inform	nation c	omprises part version information indicating a version number of the hybrid disc.
1 🚌		22.	The optical recording medium according to glaim 20, wherein the hybrid disc
2 📜	inform	nation c	omprises:
1 1 1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1		existe	nce information indicating that the optical recording medium is a hybrid disc
4.1	having	the rea	ad-only storage area and the writable storage area; and
51		part v	ersion information indicating a version number of the hybrid disc,
6 ≖		where	in the existence information and the part version information are stored in bytes
7	17 and	1 18 of	the physical format information.
14 14		23.	The optical recording medium according to claim 1, wherein the second control
2	inform	nation c	omprises:
3		a conn	nection zone which connects the read-only storage area and the writable storage
4	area;		
5		at leas	t one defect management zone; and
6		a drive	e test zone.

1		24.	The optical recording medium according to claim 16, wherein the second
2	contro	l inform	nation comprises:
3		a conn	ection zone which connects the read-only storage area and the writable storage
4	area;		
5		at least	t one defect management zone; and
6		a drive	e test zone.
1		25.	An optical recording medium comprising:
2		a dual	layered read-only storage area at an inner part of the optical recording medium;
3	and		
4		a singl	e layered writable storage area at an outer part of the optical recording medium.
112		26.	The optical recording medium according to claim 25, wherein the optical
2[7	record	ing med	lium further comprises:
1 of the second		a first	substrate having a first layer of the dual layered read-only storage area at an
443	inner p	oart of t	he first substrate and the single layered writable storage area at an outer part of
5 ≡	the firs	st subst	rate; and
6 5		a seco	nd substrate attached to the first substrate, having a second layer of the dual
6 1	layere	d read-o	only storage area at an inner part of the second substrate.
1		27.	The optical recording medium according to claim 26, wherein:
2		the du	al layered read-only storage area includes a lead-in area having first control
3	inform	ation fo	or both the dual layered read-only and single layered writable storage areas; and
4		the sin	gle layered writable storage area has a lead-in area having second control
5	inform	ation re	elating to the single layered writable storage area.

a first substrate having a transparent region at an inner part of the first substrate and a 2 writable storage area at an outer part of the first substrate; 3 a second substrate attached to the first substrate, having a read-only storage area at an 4 inner part of the second substrate; and 5 wherein light beams to read from the read-only storage area and write to the writable 6 storage area are to be incident on the first substrate before being incident on the second 7 8 substrate. The optical recording medium according to claim 28, wherein: 29. 1 the read-only storage area includes a lead-in area having first control information for 2 3 both the read-only and writable storage areas; and 4 1 [N the writable storage area has a lead-in area having second control information relating to the writable storage area. 5四 (A 4.1 An optical recording medium comprising: 30. a first substrate having a read-only/storage area at an inner part of the first substrate 3 🗒 and a writable storage area at an outer part of the first substrate; a second substrate attached to the first substrate, having transparent regions at the inner 55 and outer parts of the second substrate. The optical recording medium according to claim 30, wherein: 31. 1 the read-only storage/area includes a lead-in area having first control information for 2 both the read-only and writable storage areas; and 3 the writable storage area has a lead-in area having second control information relating 4

An optical recording medium comprising:

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to the writable storage area.

1	32. An optical recording medium comprising:
2	a dual layered read-only storage area at an inner part of the optical recording medium;
3	and
4	a dual layered writable storage area at an outer part of the optical recording medium.
1	33. The optical recording medium according to claim 32, wherein the optical
2	recording medium further comprises:
3	a first substrate having a first layer of the dual layered read-only storage area at an
4	inner part of the first substrate and a first layer of the dual layered writable storage area at an
5	outer part of the first substrate; and
6	a second substrate attached to the first substrate, having a second layer of the dual
7	layered read-only storage area at an inner part of the second substrate and a second layer of the
81	dual layered writable storage area at an outer part of the second substrate.
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1.1	34. The optical recording medium according to claim 33, wherein:
25	the dual layered read-only storage area includes a lead-in area having first control
3 ⊞	information for both the dual layered read-only and dual layered writable storage areas; and
4 5	the dual layered writable storage area has a lead-in area having second control
54	information relating to the dual layered writable storage area.
7.5	
1	35. An optical recording medium comprising:
2	a read-only storage area extending from an inner part to an outer part of the optical
3	recording medium; and
4	a writable storage area extending from an inner part to an outer part of the optical
5	recording medium

l	36. The optical recording medium according to claim 55, wherein the optical				
2	recording medium further comprises:				
3	a first substrate having the read-only storage area extending from an inner part to an				
4	outer part of the first substrate; and				
5	a second substrate attached to the first substrate, having a transparent region extending				
6	from an inner part to an outer part of the second substrate.				
1	37. The optical recording medium according to claim 36, wherein:				
2	the read-only storage area includes a lead-in area having first control information for				
3	both the read-only and writable storage areas; and				
4	the writable storage area has a lead-in area having second control information relating				
	to the writable storage area.				
1 []	38. An dual sided optical recording medium comprising:				
2 <mark>[</mark>	first and second dual layered read-only storage areas at an inner part of the optical				
3 []	recording medium; and				
4 =	first and second single layered writable storage areas at an outer part of the optical				
4 # ## ## ## ## ## 5 # *## ## ## ### ###	recording medium.				
143	39. The dual sided optical recording medium according to claim 38, wherein the				
2	optical recording medium further comprises:				
3	a first substrate having the first dual layered read-only storage area at an inner part of				
4	the first substrate and the first single layered writable storage area at an outer part of the first				
5	substrate; and				
6	a second substrate attached to the first substrate, having the second dual layered read-				
7	only storage area at an inner part of the second substrate and the second single layered writab				

storage area at an outer part of the second substrate.

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	40.	The dual slued optical recording medium according to claim 35, where	ш.
	the firs	t dual layered read-only storage area includes a lead-in area having firs	t contro
inform	ation fo	or both the first dual layered read-only and first single layered writable s	storage
areas;			

the second dual layered read-only storage area includes a lead-in area having first control information for both the second dual layered read-only and second single layered writable storage areas;

the first single layered writable storage area has a lead-in area having second control information relating to the first single layered writable storage area; and

the second single layered writable storage area has a lead-in area having second control information relating to the second single layered writable storage area.

- 41. A digital versatile disc (DVD) comprising:
 a read-only storage area having a lead-in area and a data area;
 a writable storage area having a lead-in area and a data area;
 wherein the lead-in area of read-only storage area comprises physical format information for the read-only storage area and the writable storage.
- 42. The DVD according to claim 41, wherein the lead-in area of the read-only storage area comprises hybrid disc information indicating whether the writable storage area exists.
- 43. The DVD according to claim 41, wherein the lead-in area of the writable storage area comprises physical format information for the writable storage area, including a connection zone which connects the read-only storage area and the writable storage area, at least one defect management zone, and a drive test zone.

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- 44. The DVD according to claim 41, wherein the lead-in area of the writable storage area comprises physical format information for the writable storage area, including a connection zone which connects the read-only storage area and the writable storage area, at least one defect management zone, and a drive test zone.
- 45. An apparatus for recording and reproducing data onto/from an optical recording medium having a read-only storage area at an inner part of the optical recording medium and a writable storage area at an outer part of the optical recording medium, the apparatus comprising:
- a system controller which generates identification information to indicate that the optical recording medium is a hybrid disc having the read-only storage area and the writable storage area; and
- a recording and/or reproducing unit which records or reads data from the read-only storage area and the writable storage area based on the generated identification information which is stored in a lead-in area of the read-only storage area.
 - 46. The apparatus according to claim 45, wherein:

the system controller generates first control information for both the read-only and writable storage areas and second control information relating to the writable storage area; and

the recording and/or reproducing unit records the first control information in the lead-in area of the read-only storage area and records the second control information in a lead-in area of the writable storage area.

- 47. The apparatus according to claim 46, wherein the second control information comprises:
 - a connection zone to connect the read-only storage area and the writable storage area;
 - a defect management zone to manage defects in the writable storage area; and
 - a drive test zone.

1	48. The apparatus according to claim 46, wherein the first control information
2	comprises:
3	physical format information of the read-only storage area; and
4	physical format information of a control data zone of the writable storage area.
1	49. The apparatus according to claim 48, wherein:
2	the second control information comprises:
3	a connection zone to connect the read-only storage area and the writable storage
4	area,
5	a defect management zone to manage defects in the writable storage area, and
6 ₁₃	a drive test zone; and
7 J	reproducing and/or reproducing unit reads the physical format information for
8[1	the read-only storage area and the writable storage area to reproduce data in the read-only
6 10 10 10 10 10 10 10 10 10 10 10 10 10	storage area and the writable storage areas, respectively, and reads the connection zone, defect
10	management zone and drive test zone to control the data in the writable storage area.
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1	50. The apparatus according to claim 45, wherein the identification information
25	comprises information indicating a presence or absence of the writable storage area on the
10 "He'll He'll He	hybrid disc, and information on a part version of the hybrid disc.
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1	51. The apparatus according to claim 45, wherein the recording and/or reproducing
2	unit records the first control information using reserved bytes of physical format information
2	according to a digital versatile disc (DVD) specification

1	52.	The apparatus according to claim 45, wherein the
2	rec	ording and/or reproducing unit controls a reference linear velocity for reproducing
3	the data in	the read-only storage area to be the same as a reference linear velocity of data at
4	innermost	part of the writable storage area.
1	53.	The apparatus according to claim 45, wherein the read-only lead-in area
2	comprises	
3	ас	ontrol data zone which stores the first control information.
1	54.	The apparatus according to claim 53, wherein the first control information
2	comprises	
3	phy	esical format information for the read-only storage area;
1] 4\]	hyl	orid disc identification information indicating that the optical recording medium is a
្រី 5 គេ		c having the read-only storage area and the writable storage area; and
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	vsical format information for the writable storage area.
1 3		
1 🛮	55	The apparatus according to claim 54, wherein the physical format information
2 🗒	for the wr	table storage area is stored in bytes 1024 through 2047 of the first control
2 or true or the brill the	informatio	n.
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1 ==	56	
2	for the rea	d-only storage area is stored in bytes 0 through 16 of the first control information
3	and the hy	brid disc identification information is stored in bytes 17 and 18 of the first control
4	informatio	n.
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1		57.	The apparatus according to claim 56, wherein the physical format information
2	for the	read-o	nly storage area comprises:
3		book t	ype information indicating that the optical recording medium is compatible with a
4	digital	versati	le disk read-only memory (DVD-ROM) specification; and
5		a part	version information indicating a version number of the optical recording medium;
6		where	in the book type information and part version information are stored in byte 0 of
7	the firs	st contr	ol information.
1		58.	The apparatus according to claim 54, wherein the physical format information
2	for the	read-o	nly storage area comprises:
3		book t	ype information indicating that the optical recording medium is compatible with a
4	digital	versati	le disk read-only memory (DVD-ROM) specification; and
5 of the second train 1 of the second train		a part	version indicating a version number of the optical recording medium.
1		59.	The apparatus according to claim 58, wherein the hybrid disc information
2 = = = = = = = = = = = = = = = = = = =	compr	ises:	
3 ≝ ்		exister	nce information indicating that the optical recording medium is a hybrid disc
4 =	having	the rea	ad-only storage area and the writable storage area; and
5		part ve	ersion information indicating a version number of the hybrid disc,
60		where	in the existence information and the part version information are stored in bytes
7	17 and	1 18 of 1	the physical format information.
1		60.	The apparatus according to claim 54, wherein the hybrid disc information
2	compr	ises par	t version/information indicating a version number of the hybrid disc.

1		61.	The apparatus	according to clai	m 54, wherein	the second co	ontrol information
2	compr	ises:					
3		a coni	nection zone whi	ch connects the re	ead-only storag	ge area and the	e writable storage
4	area;						
5		at leas	st one defect mai	nagement zone; ai	nd		
6		a driv	e test zone.				
•							
1		62.	The apparatus	according to clair	n 45, wherein	the second co	ntrol information
2	compr	ises:					
3		a com	nection zone whi	ch connects the re	ead-only storag	ge area and the	e writable storage
4	area;						
5 6\]		at leas	st one defect mai	nagement zone; a	nd		
6		a driv	e test zone.				
1		63.	The apparatus	according to clair	n 45, wherein	the optical rec	cording medium ha
วร์รี	first o	antral i	nformation for h	oth the read-only	and writable o	storage areas i	n the lead-in area

63. The apparatus according to claim 45, wherein the optical recording medium has first control information for both the read-only and writable storage areas in the lead-in area of the read-only storage area and second control information relating to the writable storage area in a lead-in area of the writable storage area, the recording and/or reproducing unit reading the first and second control information so that the system controller causes the recording and/or reproducing unit to read the data from the read-only and writable storage areas based upon the first and second control information.

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64. The apparatus according to claim 48, wherein the recording and/or reproducing unit reads the first control information from reserved bytes of physical format information according to a digital versatile disc (DVD) specification.

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6	55 .	An apparatus for reproducing data from an optical recording medium having	ng /
read-onl	ly stora	age area at an inner part and a writable storage area at an outer part of the c	optica
recordin	ng med	lium, the apparatus comprising:	

a reproducing unit which reproduces data from the read-only storage area and the writable storage area; and

a system controller which controls a reference linear velocity of the reproducing unit for reproduction of the data in the read-only storage area to be the same as a reference linear velocity for reproduction of the data in an innermost part of the writable storage area.

66. A method of recording and reproducing data onto/from an optical recording medium having a read-only storage area at an inner part of the optical recording medium and a writable storage area at an outer part of the optical recording medium, the method comprising:

generating identification information to indicate that the optical recording medium is a hybrid disc having the read-only storage area and the writable storage area; and

recording the generated identification information in a lead-in area of the read-only storage area.

67. The method according to claim 66, further comprising:

generating first control information for both the read-only and writable storage areas and second control information relating to the writable storage area; and

recording the first control information in the lead-in area of the read-only storage area and recording the second control information in a lead-in area of the writable storage area.

68. The method according to claim 67, wherein the first control information comprises:

physical format information of the read-only storage area; and physical format information of a control data zone of the writable storage area.

1	111e memod according to claim 07, wherein the second control mornation
2	comprises:
3	a connection zone to connect the read-only storage area and the writable storage area;
4	a defect management zone to manage defects in the writable storage area; and
5	a drive test zone.
1	70. The method according to claim 67, wherein:
2	the second control information comprises:
3	a connection zone to connect the read-only storage area and the writable storage
4	area,
5	a defect management zone to manage defects in the writable storage area, and
6	a drive test zone; and
75	the method further comprising:
8 []	reading the physical format information for the read-only storage area and the
9 (1)	writable storage area to reproduce data in the read-only storage area and the writable storage
[] [,	areas, respectively, and reading the connection zone, defect management zone and drive test
11 =	zone to control the data in the writable storage area.
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15	71. The method according to claim 66, wherein the identification information
2[]	comprises information indicating a presence or absence of the writable storage area on the
3	hybrid disc, and information on a part version of the hybrid disc.
1	72. The method according to claim 66, wherein the recording of the first control
2	information comprises recording the first control information in reserved bytes of physical
3	format information according to a digital versatile disc (DVD) specification.

l		73.	The method according to claim 66, further comprising:
2		contro	olling a reference linear velocity for reproducing data in the read-only storage area
3	to be t	he sam	e as a reference linear velocity of data at an innermost part of the writable storage
4	area.		
1		74.	The method according to claim 66, wherein the read-only lead-in area
2	compr	ises:	
3		a cont	rol data zone which stores the first control information.
1		75.	The method according to claim 74, wherein the first control information
2	compr	ises:	
3 []		physic	cal format information for the read-only storage area;
4 1 4 1		hybrid	d disc identification information indicating that the optical recording medium is a
5 <u>[</u>	hybrid	l disc h	aving the read-only storage area and the writable storage area; and
		physic	cal format information for the writable storage area.
		76.	The method according to claim 75, wherein the physical format information for
1 = 1 = 2 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =	the wr	ritable s	storage area is stored in bytes 1024/through 2047 of the first control information.
11		77.	The method according to claim 76, wherein the physical format information for
2	the rea	ad-only	storage area is stored in bytes 0 through 16 of the first control information and
3	the hy	brid di	sc identification information is stored in bytes 17 and 18 of the first control
4	inform	nation.	
1		78.	The method according to claim 75, wherein the physical format information for
2	the rea	ad-only	storage area comprises:
3		book	type information indicating that the optical recording medium is compatible with a
4	digital	versat	ile disk read-only memory (DVD-ROM) specification; and

1	79. The method according to claim 77, wherein the physical format information for
2	the read-only storage area comprises:
3	book type information indicating that the optical recording medium is compatible with a
4	digital versatile disk read-only memory (DVD-ROM) specification; and
5	a part version information indicating a version number of the optical recording medium;
6	wherein the book type information and part version information are stored in byte 0 of
7	the first control information.
1	80. The method according to claim 75, wherein the hybrid disc information
2	comprises part version information indicating a version number of the hybrid disc.
	81. The method according to claim 79, wherein the hybrid disc information
2 5.1	comprises:
3 🗐	existence information indicating that the optical recording medium is a hybrid disc
4 =	having the read-only storage area and the writable storage area; and
5.3	part version information indicating a version number of the hybrid disc,
6	wherein the existence information and the part version information are stored in bytes
7[] []	17 and 18 of the physical format information.
1	82. The method according to claim 66, wherein the second control information
2	comprises:
3	a connection zone which connects the read-only storage area and the writable storage
4	area;
5	at least one defect management zone; and
6	a drive test zone.

a part version indicating a version number of the optical recording medium.

1	83.	The method according to claim 77, wherein the second control	ol information
2	comprises:		
3	a co	nnection zone which connects the read-only storage area and the	writable storage
4	area;		
5	at le	east one defect management zone; and	
6	a dr	ive test zone.	

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84. A method of reproducing data from an optical recording medium having a readonly storage area at an inner part of the optical recording medium, a writable storage area at an outer part of the optical recording medium, and identification information stored in a lead-in area of the read-only storage area to indicate that the optical recording medium is a hybrid disc having the read-only storage area and the writable storage area, the method comprising:

reading the identification information from the lead-in area of the read-only storage area;

reading data from the read-only and writable storage areas based upon the identification information.

85. The method according to claim 84, wherein the optical recording medium has first control information for both the read-only and writable storage areas in the lead-in area of the read-only storage area and second control information relating to the writable storage area in a lead-in area of the writable storage area, wherein:

the reading of the identification information comprises reading the first and second control information; and

the reading of the data comprises reading the data from the read-only and writable storage areas based upon the first and second control information.

1	8	36. <i>'</i>	The method according to claim 85, wherein the first control information
2	comprise	es:	
3	ŗ	hysica	l format information of the read-only storage area; and
4	ŗ	hysica	I format information of a control data zone of the writable storage area.
1	8	37. '	The method according to claim 86, wherein the reading of the identification
2	informa	tion co	mprises reading the first control information from reserved bytes of physical
3	format i	nforma	ation according to a digital versatile disc (DVD) specification.
1	8	38.	The method according to claim 86, wherein:
2	t	he seco	ond control information comprises:
3		i	a connection zone to connect the read-only storage area and the writable storage
4\]	area,		
5 []	•	;	a defect management zone to manage defects in the writable storage area, and
4		;	a drive test zone; and
7	t	he reac	ling of the identification information comprises reading the physical format
8	informa	tion for	the read-only storage area and the writable storage area to reproduce data in
9 1	the read	-only s	torage area and the writable storage areas, respectively, and reading the
0,1	connecti	ion zon	e, defect management zone and drive test zone to control the data in the writable
15	storage	area.	
1	8	3 9.	The method according to claim 84, wherein the identification information
2	compris	es info	rmation indicating a presence or absence of the writable storage area on the
3	hybrid o	lisc, an	nd information on a part version of the hybrid disc.
1	Ģ	90.	The method according to claim 84, further comprising controlling a reference
2	linear v	elocity	for reproducing data in the read-only storage area to be the same as a reference
3	linear v	elocity	of data at an innermost part of the writable storage area.

The method according to claim 85, wherein the second control information 91. 1 2 comprises: a connection zone to connect the read-only storage area and the writable storage area; 3 a defect management zone to manage defects in the writable storage area; and 4 a drive test zone. 5 A method of reproducing data from an optical recording medium having read-92. 1 only storage area at an inner part and a writable storage area at an outer part of the optical 2 3 recording medium, the method comprising: reproducing data from the read-only storage area and the writable storage area; and 4 controlling a reference linear velocity for reproduction of the data in the read-only 5 6 [] storage area to be the same as a reference linear velocity for recording or reproduction of the data in an innermost part of the writable storage area. 7[7 41 ١, إ 1 A method of controlling a DVD-RAM area of an optical recording medium 93. having the DVD-RAM area in an inner part and a DVD-ROM area in an outer part of the 2 ≡ 3 📜

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reading the first control information from the lead-in area of the DVD-ROM area; and controlling the data in the DVD-ROM area and the DVD-RAM based upon the read first control information.

1	94. The method according to claim 93, wherein the DVD-RAM area has a lead-in
2	area having second control information with connection data for the DVD-ROM and DVD-
3	RAM areas and defect management information, the method further comprising:
4	reading the second control information from the lead-in area of the DVD-RAM area;
5	and
6	accessing the DVD-RAM area and managing defects in the DVD-RAM area based upor
7	the second control information.